

Reissue of U.S. Patent No. 5,945,420
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US005945420A

United States Patent [19]
Araki et al.

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[54] **IMMUNOPOTENTIATING AND INFECTION
PROTECTIVE AGENT AND PRODUCTION
THEREOF**

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[75] **Inventors:** **Selichi Araki; Mamoru Suzuki;
Masatoshi Fujimoto, all of Ibaraki
Prefecture, Japan**

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[73] **Assignee:** **Eisai Co., Ltd., Japan**

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[21] **Appl. No.:** **09/060,329**

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No. 600 (1983).

[22] **Filed:** **Apr. 15, 1998**

The Merck Index, 10th Ed., Windholz et al., eds., abstract
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Related U.S. Application Data

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[62] Division of application No. 08/420,632, Apr. 12, 1995, Pat.
No. 5,814,632, which is a division of application No.
08/204,333, filed as application No. PCT/JP92/01146, Sep.
9, 1992, abandoned.

Primary Examiner—Kevin E. Weddington

[30] **Foreign Application Priority Data**

Attorney, Agent, or Firm—Wenderoth, Lind & Ponack,
L.L.P.

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[57] **ABSTRACT**

[51] **Int. Cl.⁶** **A61K 31/525; A61K 31/685;**
A61K 31/65; A61K 31/43

An immunopotentiating and infection protective agent com-
prising riboflavin and/or a riboflavin derivative, which is
safe for the human, animals or the like, an immunopotentia-
ting and infection protective agent comprising riboflavin
and/or a riboflavin derivative and (1) proline and/or
glutamine, (2) an antibiotic, or (3) a water-soluble polymer
or lecithin, which is safe for the human, animals or the like,
and a process for the production thereof.

[52] **U.S. Cl.** **514/251; 514/78; 514/152;**
514/192; 514/315; 514/631

[58] **Field of Search** **514/251, 78, 315,**
514/631, 192, 152

[56] **References Cited**

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8 Claims, No Drawings

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